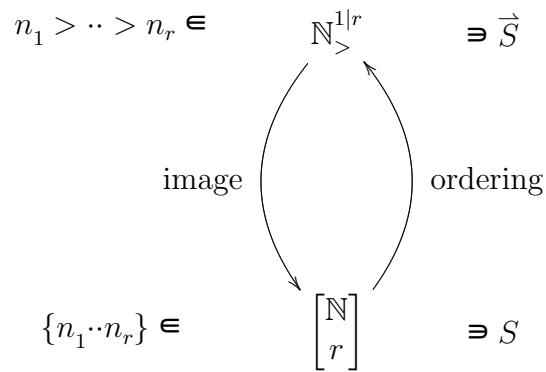


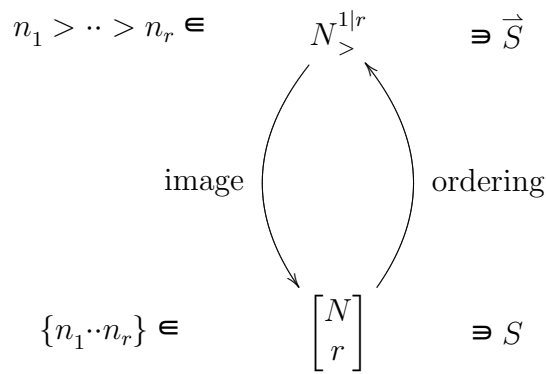
$$N_{>}^M = \frac{M \xrightarrow{\mathfrak{V}} N}{\mathfrak{V} \text{ streng monoton fallend}}$$

$$N_{>}^{1|r} = \frac{\underline{n} = n_1 \cdots n_r}{n_1 > n_2 > \cdots > n_r \geq 0}$$



$$S = \{i_1 \cdots i_r\} \Rightarrow \vec{S} = i_1 > \cdots > i_r$$

restricted  $N \subset \mathbb{N}$



$$S = \{i_1 \cdots i_r\} \Rightarrow \vec{S} = i_1 > \cdots > i_r$$

$$\#N_{>}^{1|r} = \begin{bmatrix} \#N \\ r \end{bmatrix} : \#(1|n)_{>}^{1|r} = \begin{bmatrix} n \\ r \end{bmatrix}$$

$$k+r=0 | k+r- = \{0 \leq i < k+r\}$$

$$(k+r)_{>}^{1|r} = \frac{n_1 > \dots > n_r \geq 0}{n_1 < k+r}$$

$$\#(k+r)_{>}^{1|r} = \{k+r > n_1 > \dots > n_r \geq 0\} = \begin{bmatrix} k+r \\ r \end{bmatrix} = \begin{bmatrix} k+r \\ k \end{bmatrix}$$